

600
413

FIG. 1

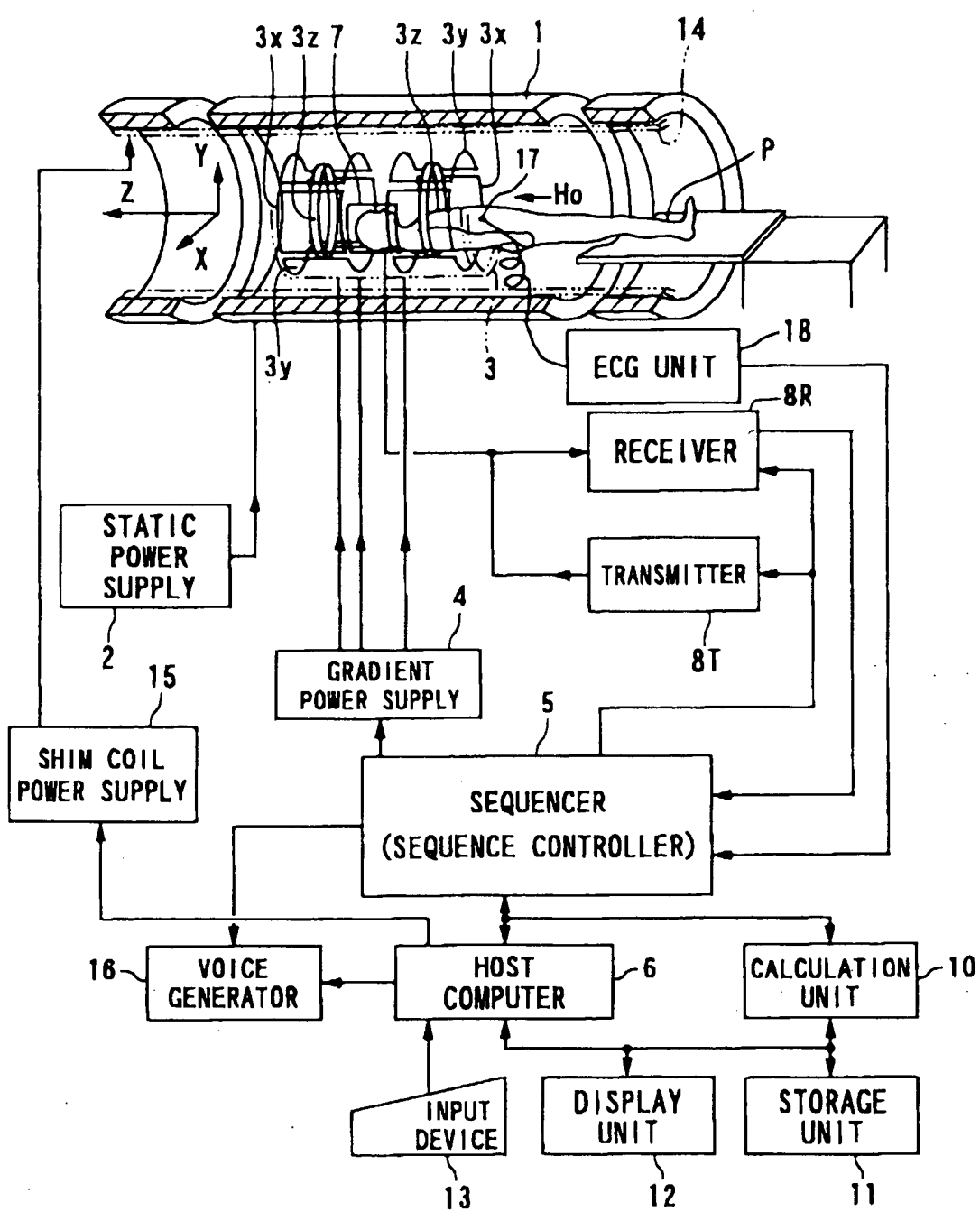


FIG. 1

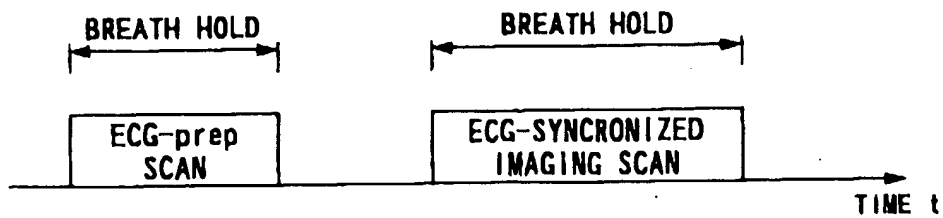


FIG. 2

FIG. 2

FIG. 3

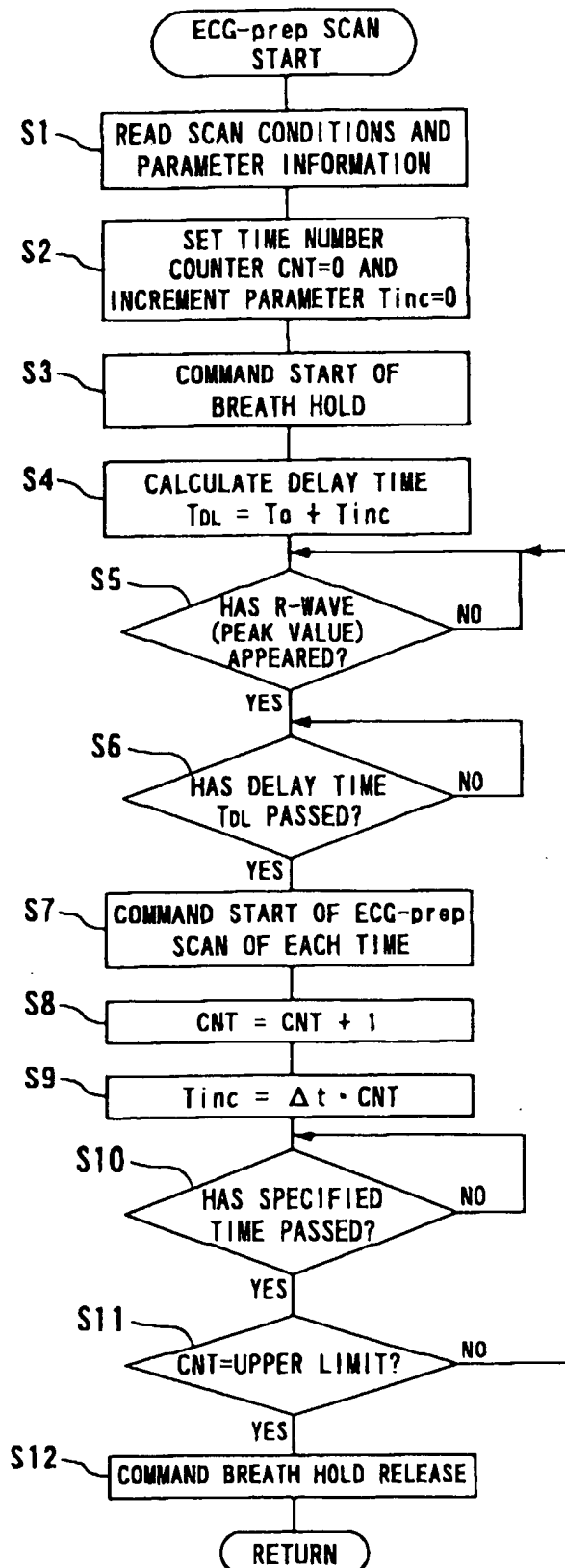


FIG. 3

• • •

n-th FRAME



FIG. 5

FIG. 6

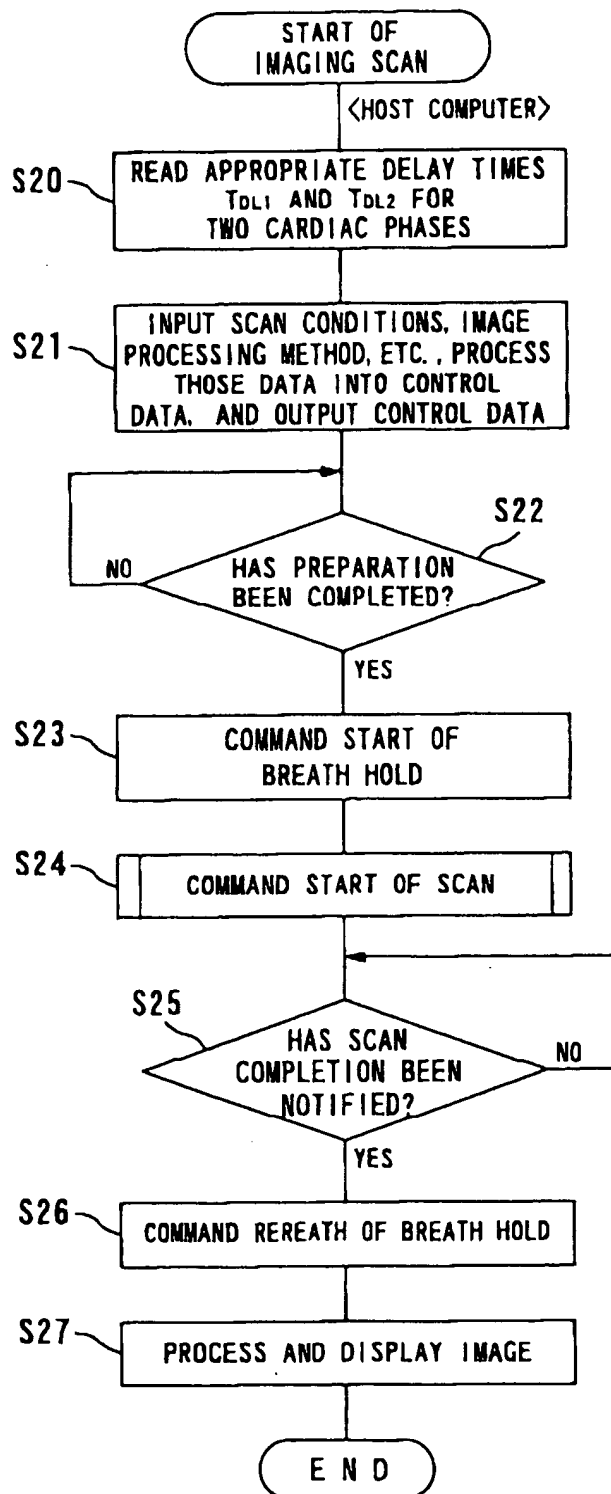


FIG. 6

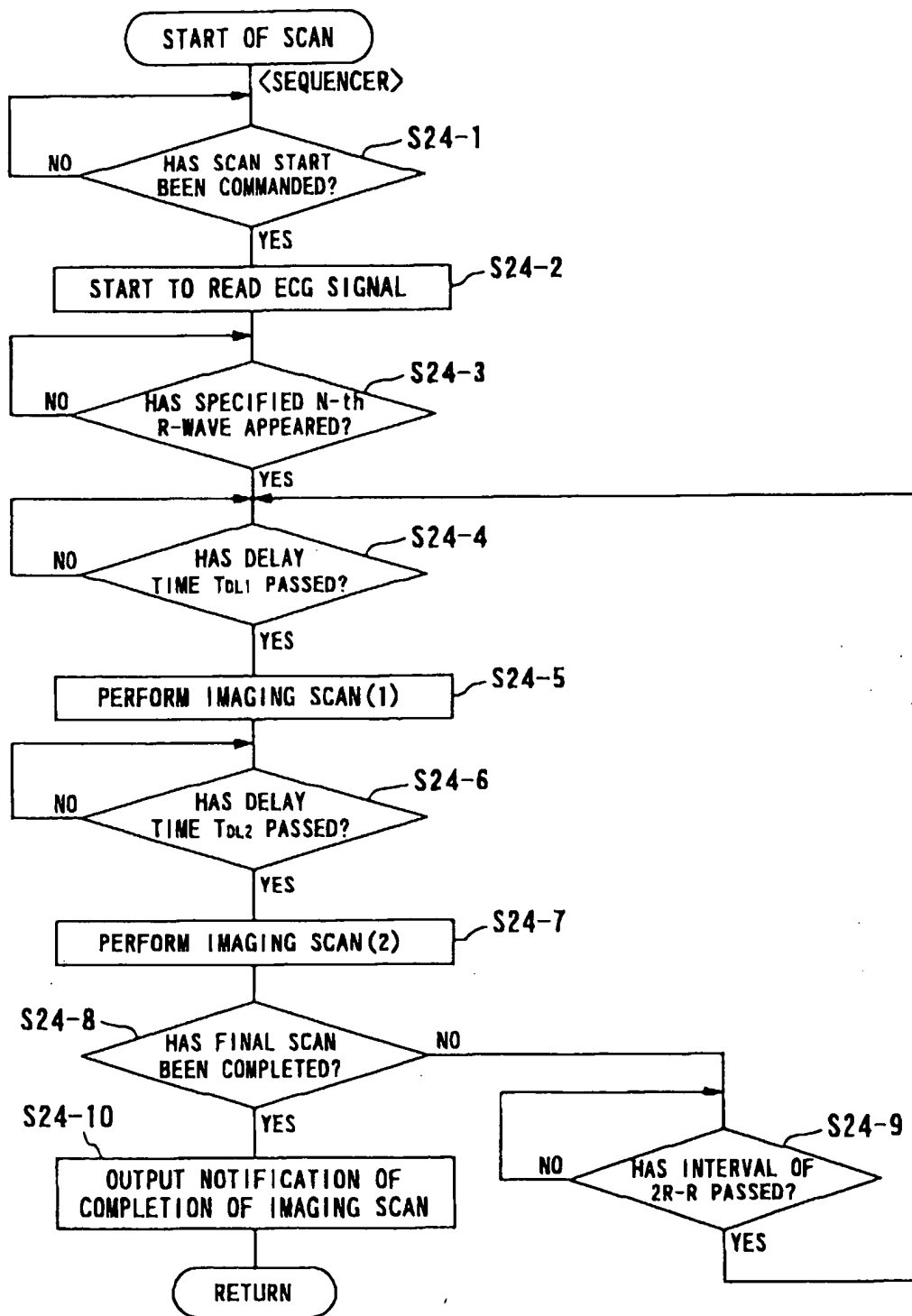


FIG. 7

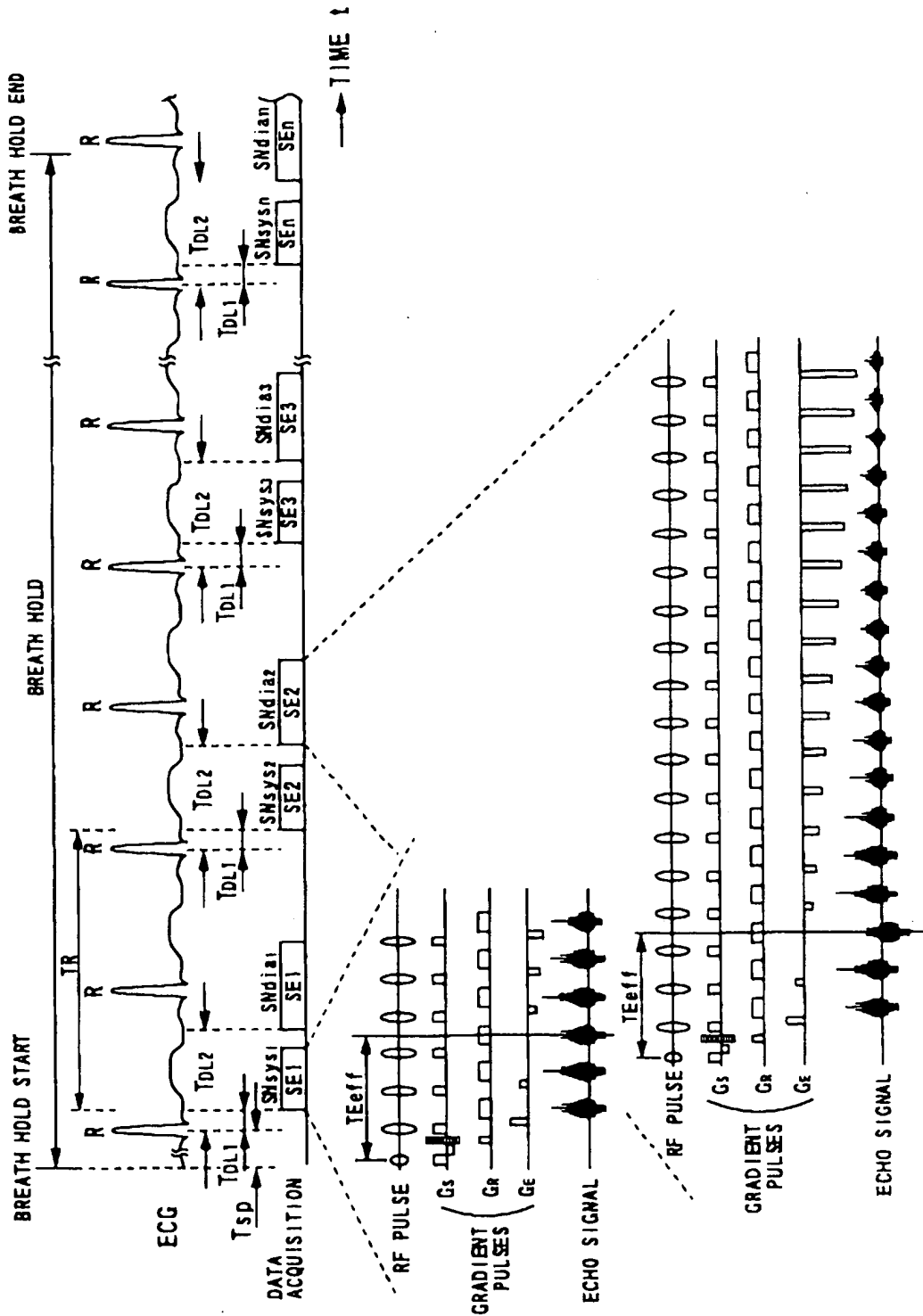
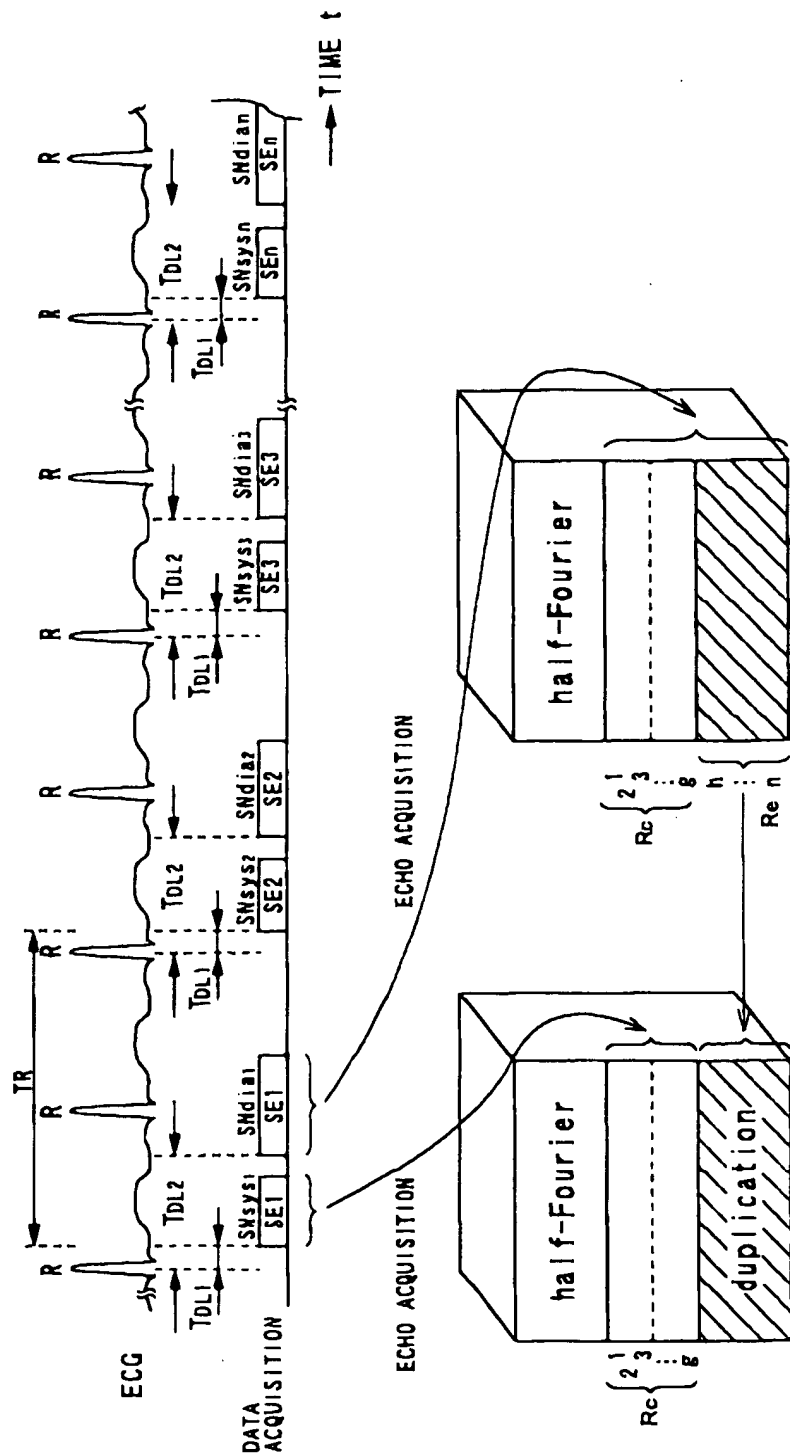


FIG. 8



3D k-space:Ksys for systole 3D k-space:Kdia for diastole

FIG. 9

406250" 08E2260

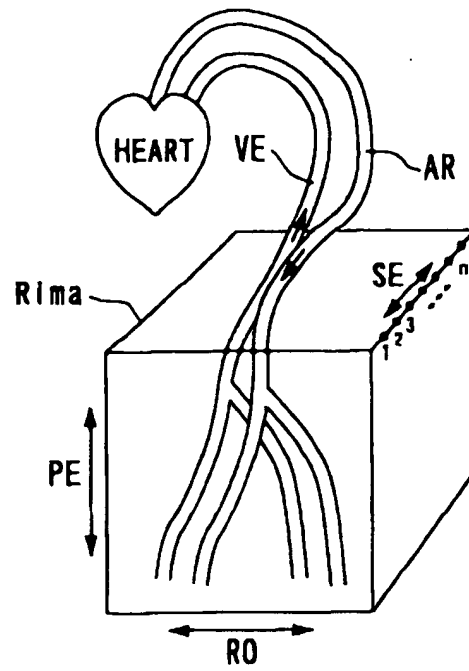


FIG. 10

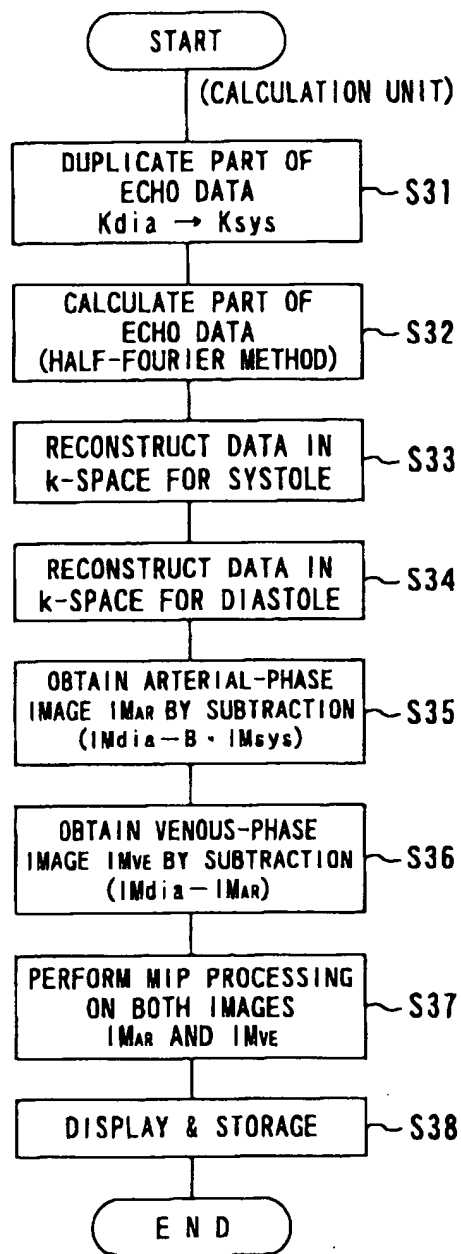


FIG. 11

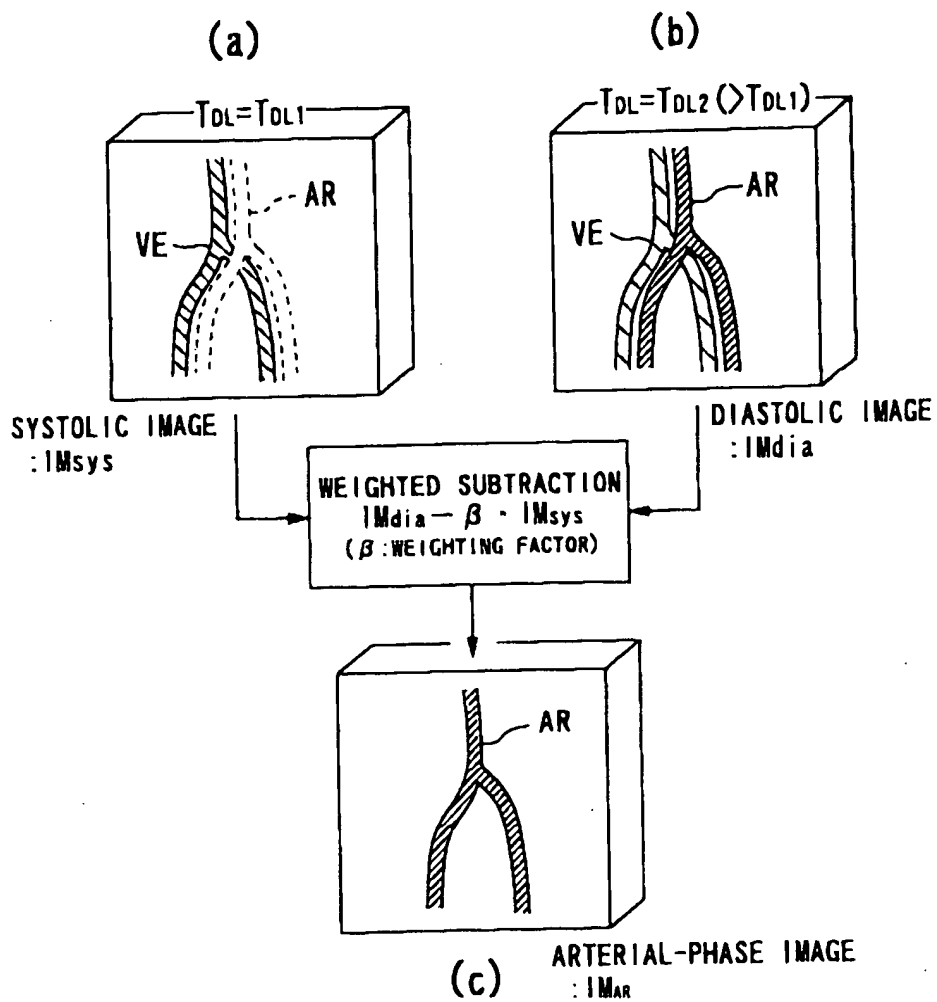


FIG. 12

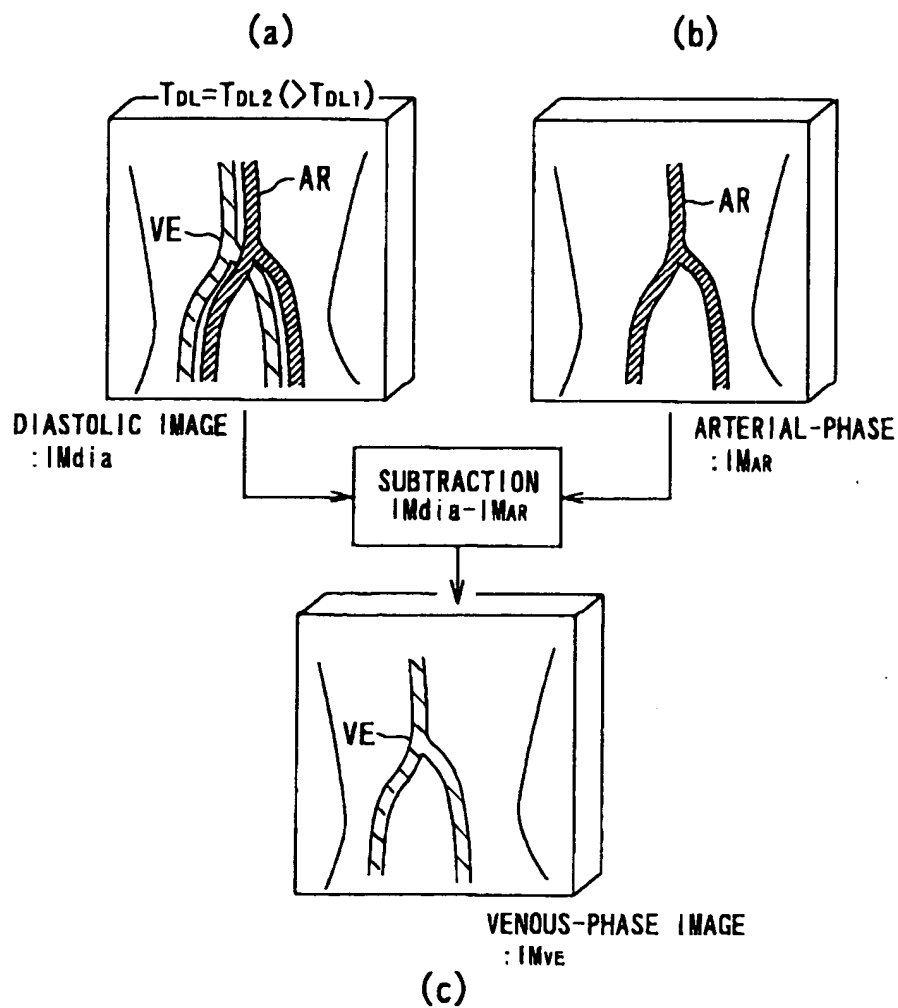


FIG. 13

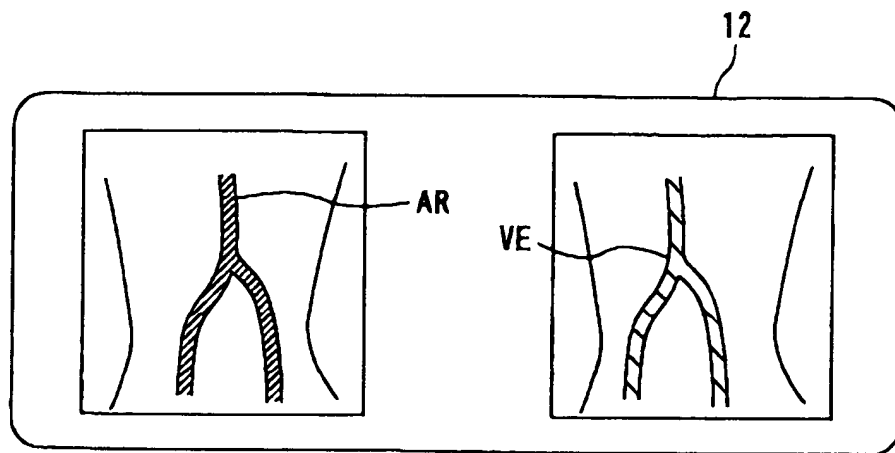


FIG. 14

FIG. 15

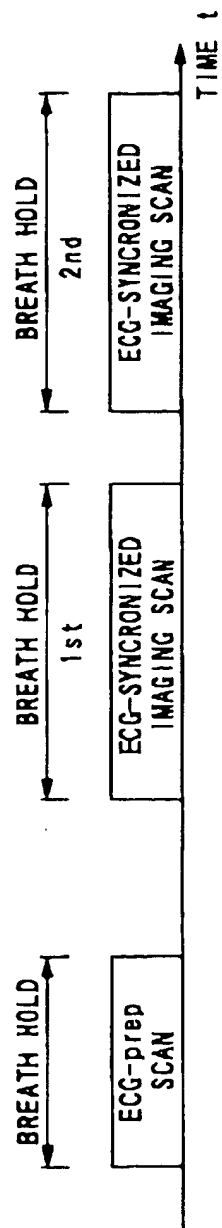


FIG. 15

FIG. 16

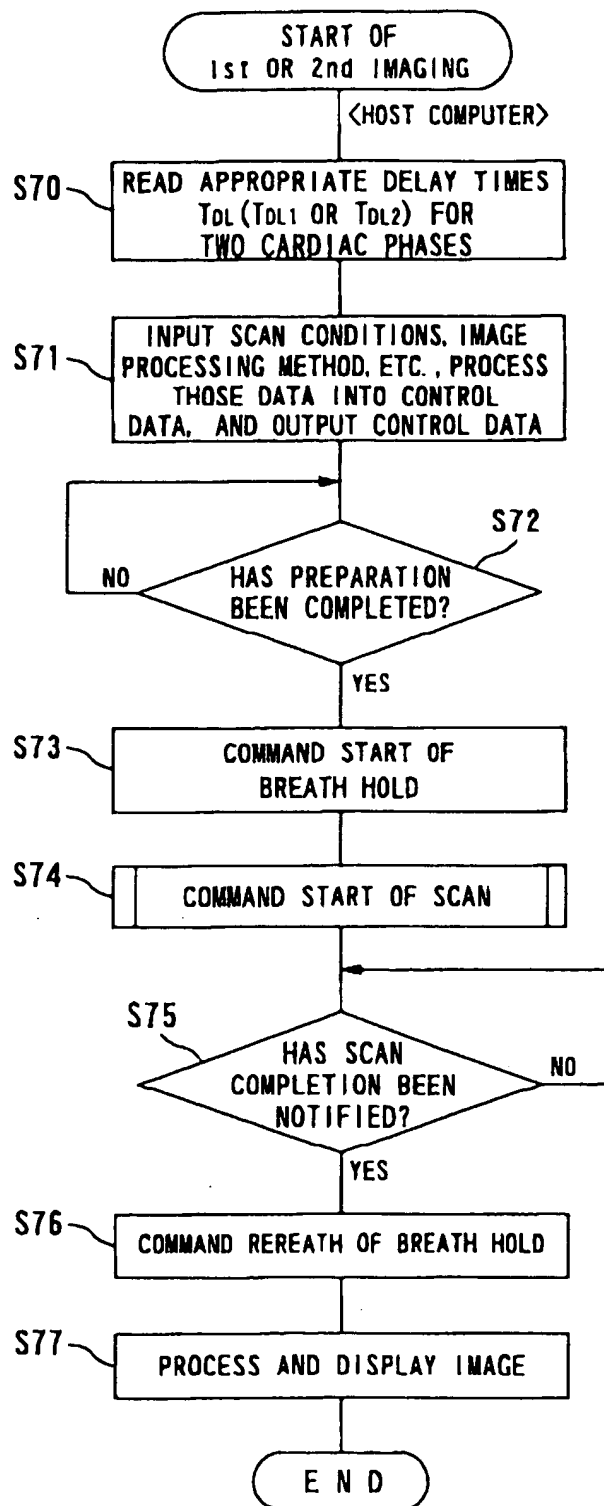


FIG. 16

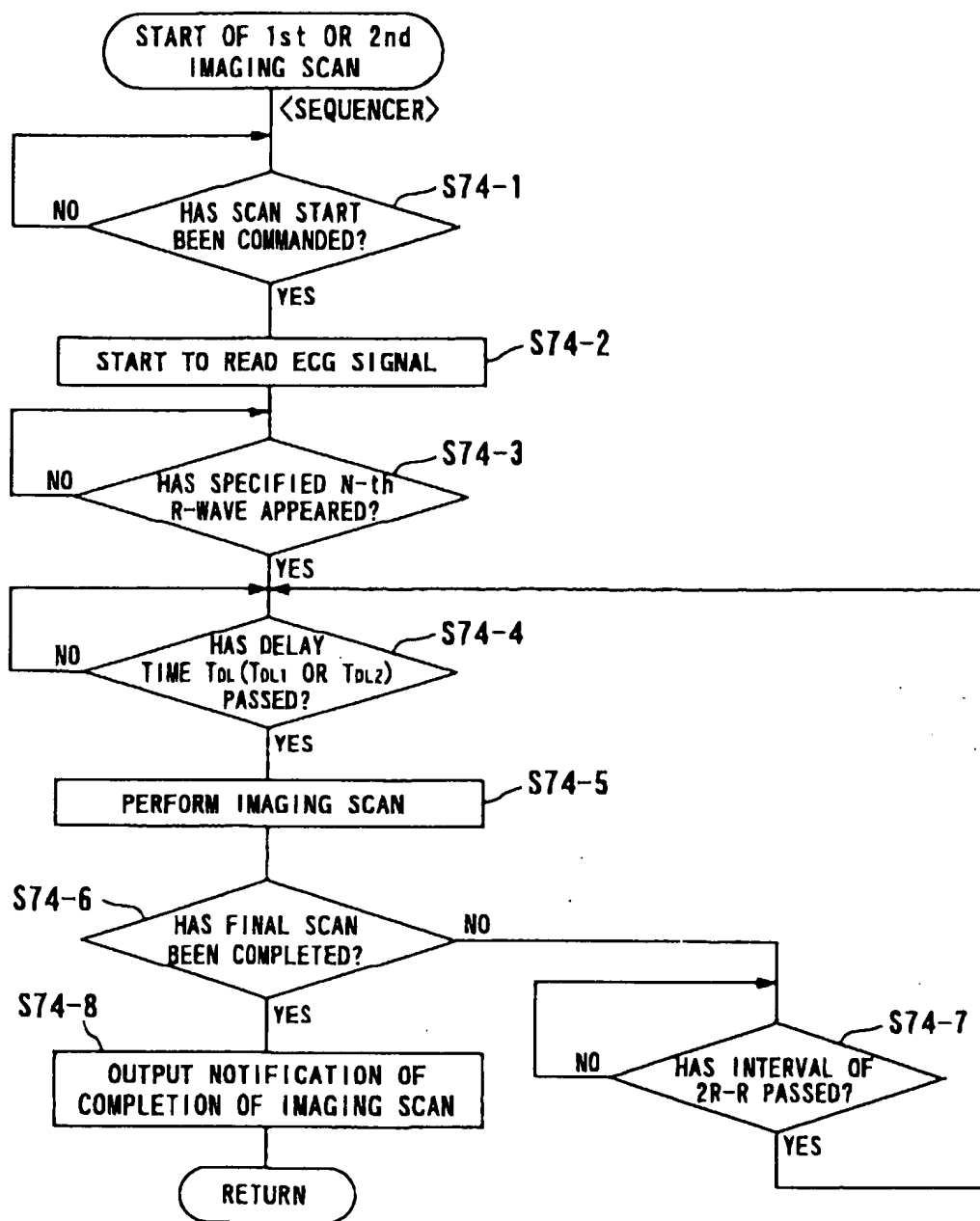


FIG. 17

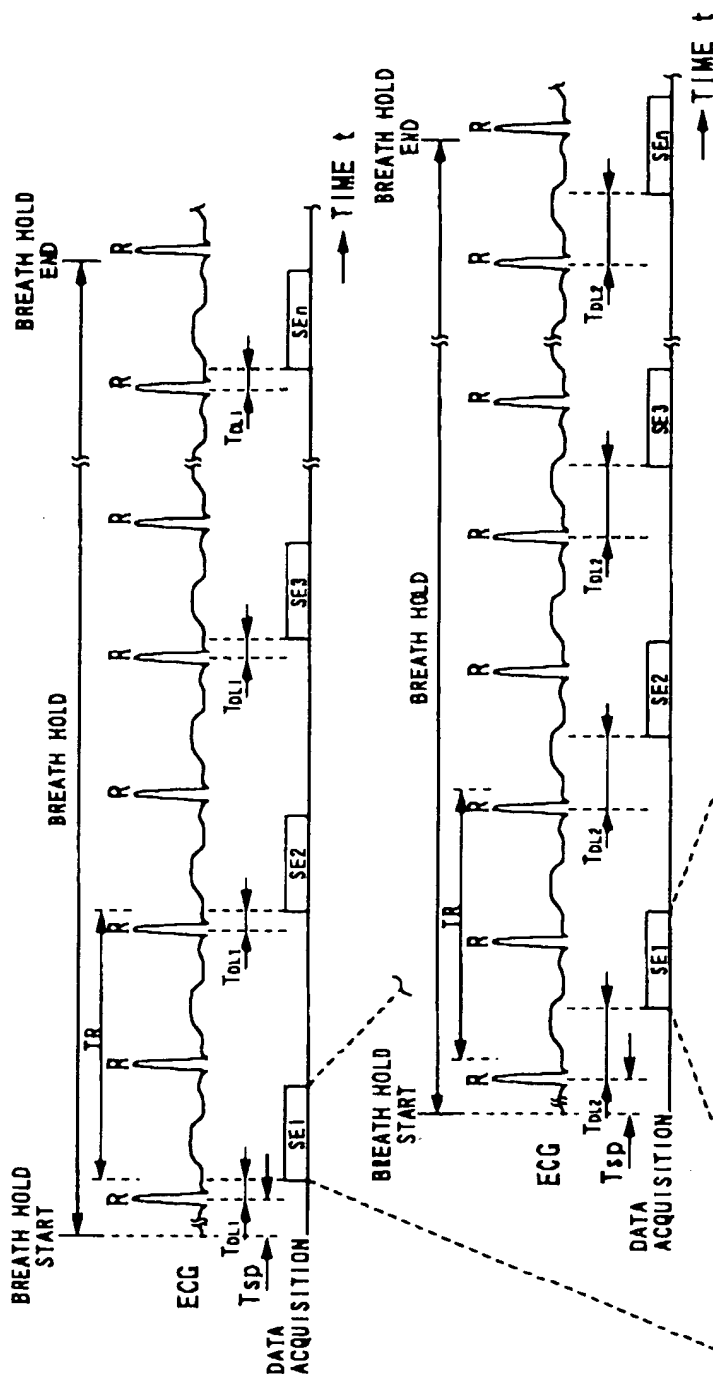


FIG. 18A
FIRST IMAGING
SCAN (SYSTOLE)

FIG. 18B
SECOND IMAGING
SCAN (DIASTOLE)

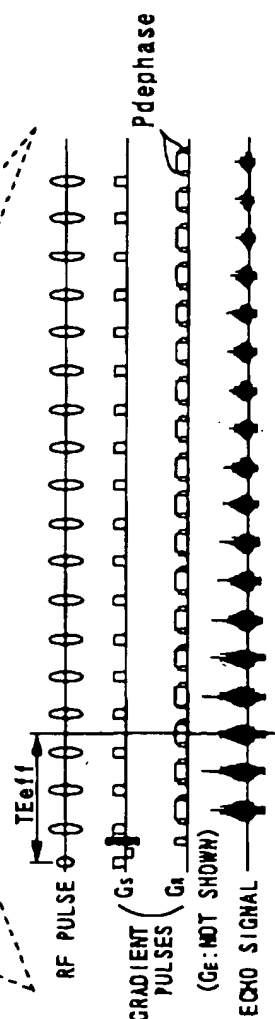


FIG. 18C
PULSE SEQUENCE

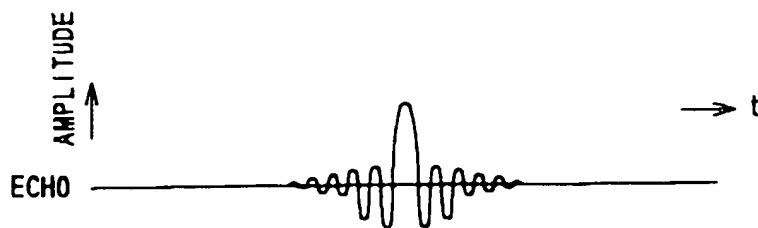


FIG. 19A

FIG. 19B

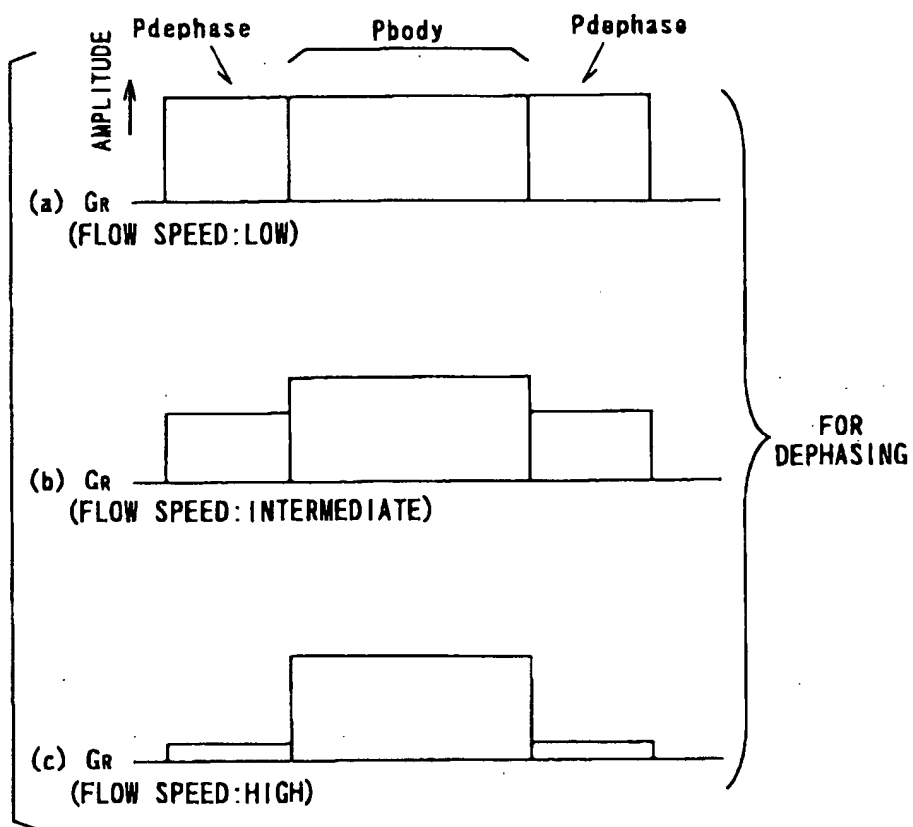
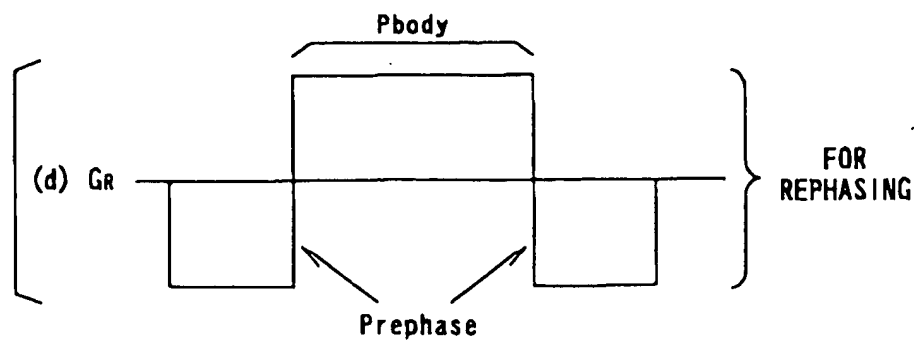


FIG. 19C



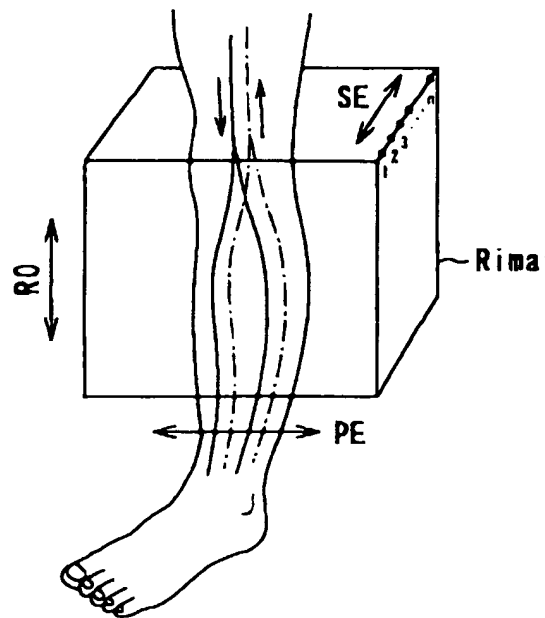


FIG. 20

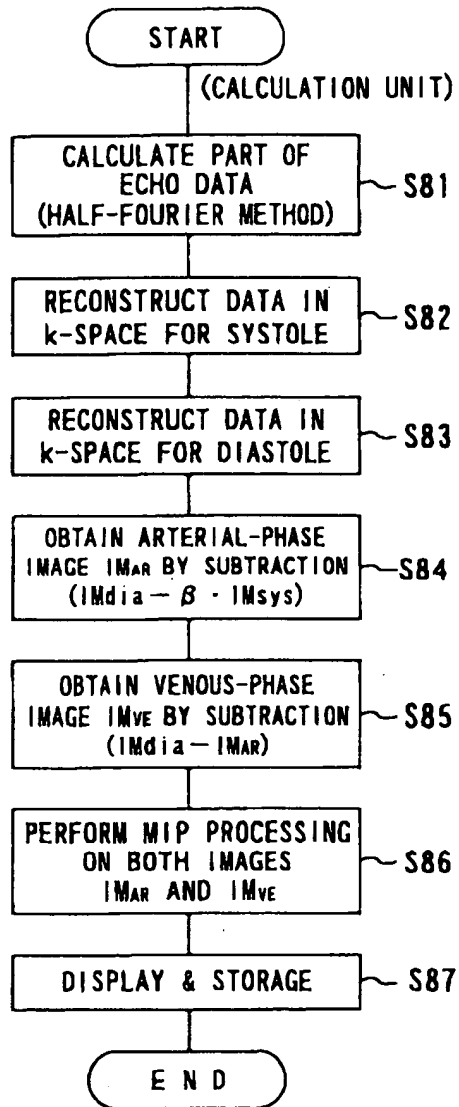


FIG. 21

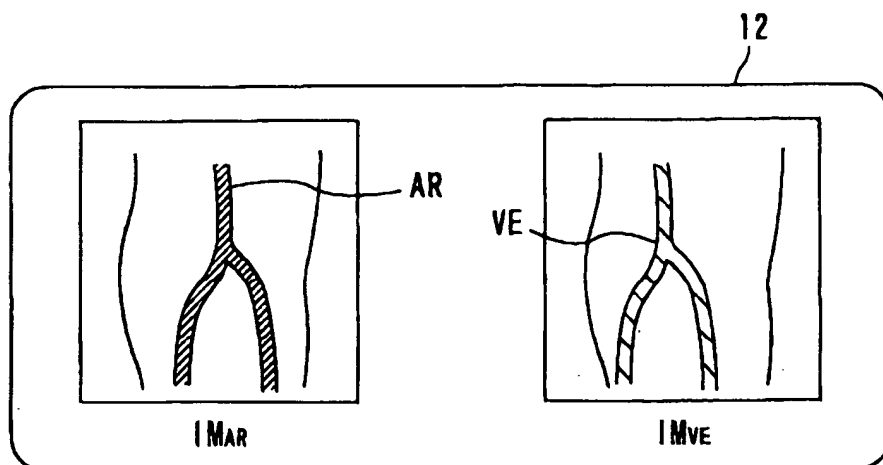


FIG. 22

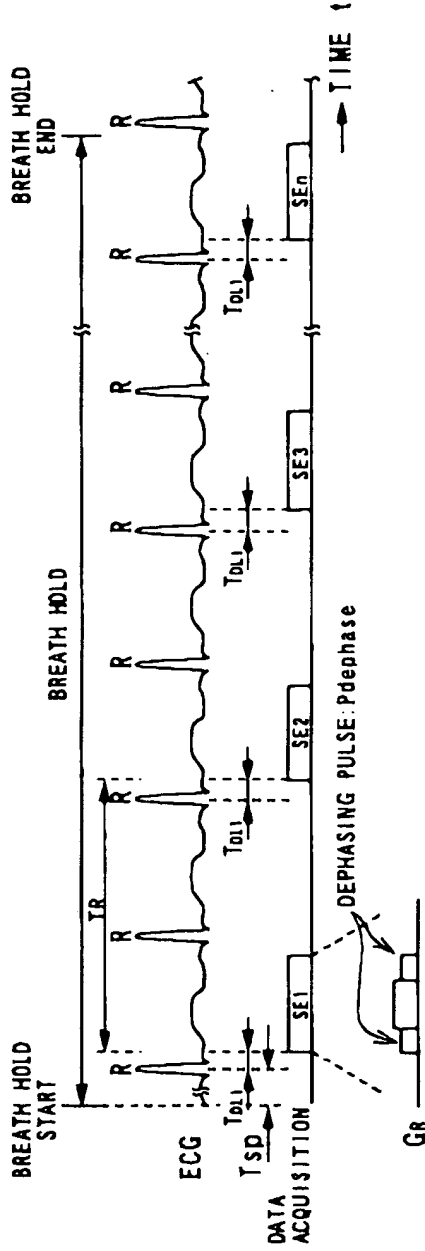


FIG. 23A
FIRST IMAGING
SCAN (SYSTOLE)

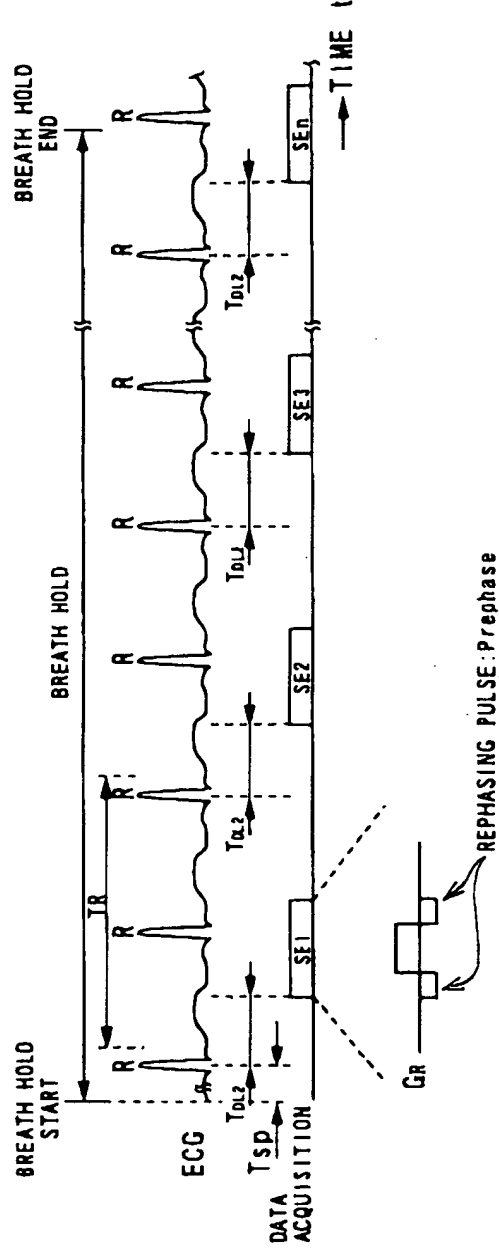


FIG. 23B
SECOND IMAGING
SCAN (DIASTOLE)

0972380-052904
F06250"08C2260

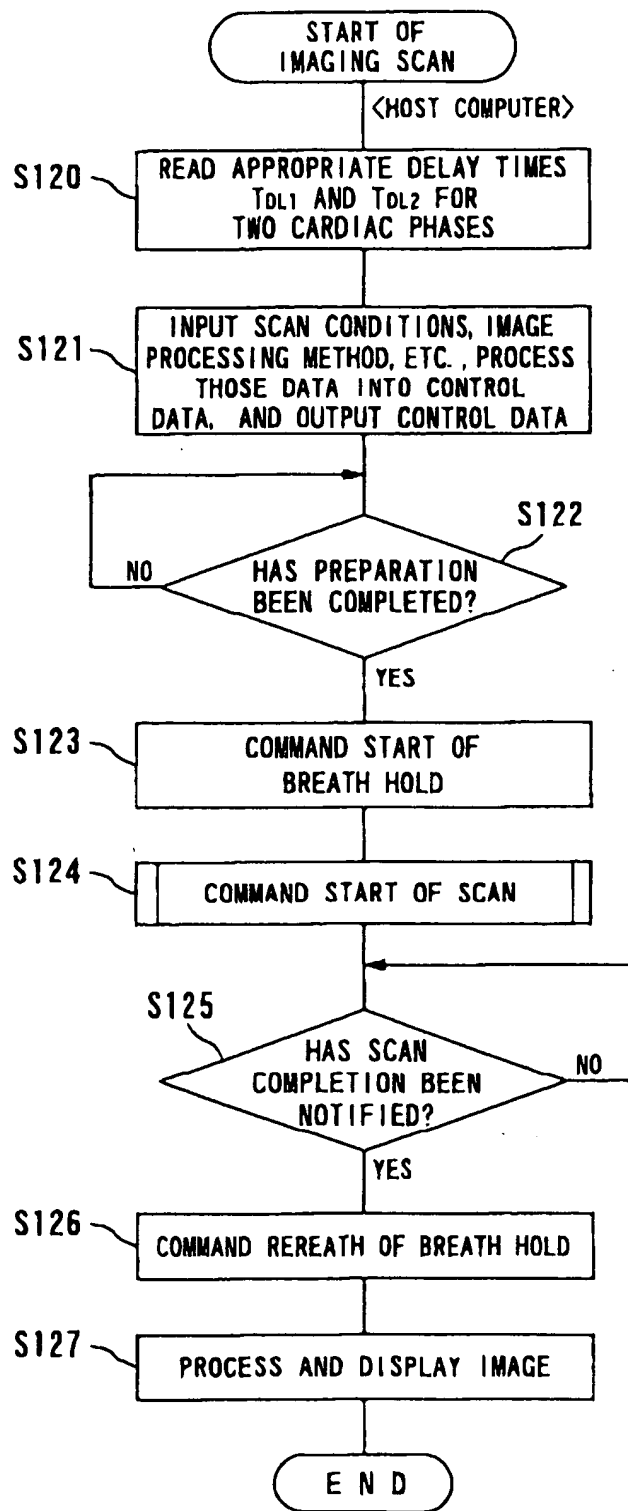


FIG. 24


```

graph TD
    Start([START OF IMAGING SCAN]) --> Sequencer[<SEQUENCER>]
    Sequencer --> S124-1{HAS SCAN START BEEN COMMANDED?}
    S124-1 -- NO --> Sequencer
    S124-1 -- YES --> S124-2[START TO READ ECG SIGNAL]
    S124-2 --> S124-3{HAS SPECIFIED N-th R-WAVE APPEARED?}
    S124-3 -- NO --> Sequencer
    S124-3 -- YES --> S124-4{HAS DELAY TIME TDL1 PASSED?}
    S124-4 -- NO --> Sequencer
    S124-4 -- YES --> S124-5[PERFORM SCAN(1)]
    S124-5 --> S124-6{HAS DELAY TIME TDL2 PASSED?}
    S124-6 -- NO --> Sequencer
    S124-6 -- YES --> S124-7[PERFORM SCAN(2)]
    S124-7 --> S124-8{HAS FINAL SCAN BEEN COMPLETED?}
    S124-8 -- YES --> S124-10[OUTPUT NOTIFICATION OF COMPLETION OF IMAGING SCAN]
    S124-8 -- NO --> S124-9{HAS INTERVAL OF 2R-R PASSED?}
    S124-9 -- YES --> S124-8
    S124-9 -- NO --> Sequencer
    S124-10 --> Return([RETURN])
  
```



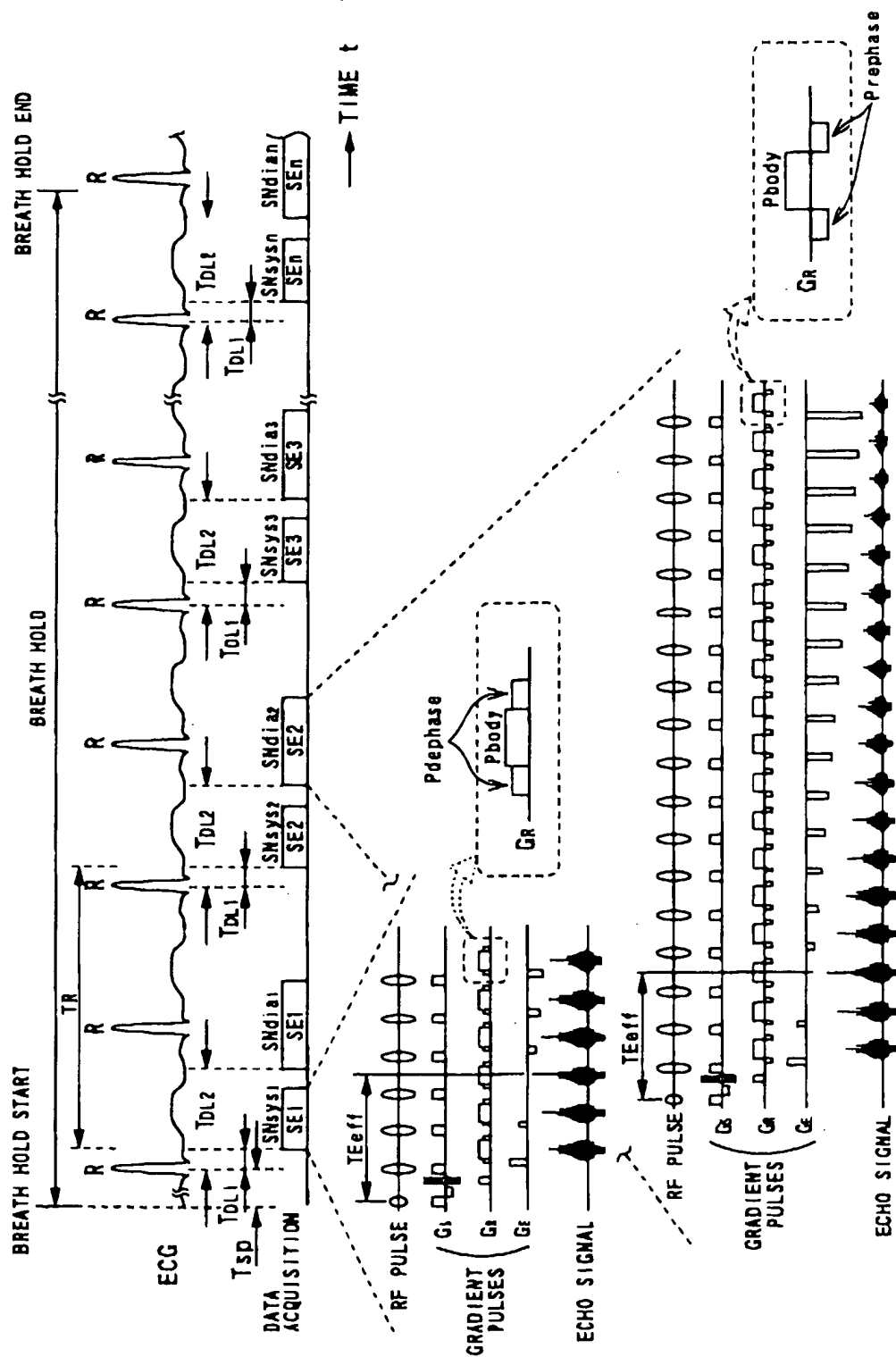


FIG. 26